

Substitute for form 1449 A &amp; B/PTO

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	Div of USSN 09/559,418
Confirmation Number	
Filing Date	December 21, 2001
First Named Inventor	Masamichi TOBA et al
Art Unit	1651
Examiner Name	Marx, I.
Attorney Docket Number	Q-67818

PTO  
10/02/03  
12/21/01

Sheet 1 of 2

## **U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
m		4,442,215		04/10/1984	Vognsen et al
		5,498,412		03/1996	Fujie
		4,957,749		09/1990	Prieels et al
		5,008,119		04/1991	Matsubara
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		4,029,819		06/1977	Michelson
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		4,129,644		12/1978	Kalapissis et al
		4,870,002		09/1989	Kiel

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
m		BP	1/197,257		07/10/1970		
		JP	4-41436		02/1992		
		JP	2-3495		01/1990		Eng. Trans.
		JP	51-115968		10/1976		
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		JP	2,003,495		01/1990		
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		JP	1,243,971		09/1989		

## **OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
m		ATCC Catalogue of Bacteria, pages 169, 172 and 174-175 (1992)	
		Hammes et al, <i>In the Prokaryotes</i> , Springer-Verlag, II:1562 (1992)	
		Vanos et al, <i>Food Microbiol. (LOND)</i> , 4(1):19-34 (1987)	
		Kono et al, <i>J. Act. Oxyg. Free Rad.</i> , 2(1):18-26 (1991)	Eng. Trans.
		Kono et al, <i>PNE-Protein Nucleic Acid and Enzy.</i> , 33(16):2940-2948 (1988)	Eng. Trans.
		Archibald, <i>Crit. Rev. Microbiol.</i> , 13(1):63-109 (1986)	
		Waldo et al, <i>J. Am. Chem. Soc.</i> , 114(14):5869-5870 (1992)	
		Kono et al, <i>Proced. Int. Conf.</i> , 4:231-233 (1985)	
		Wheeler et al, <i>J. of Gen. Microbiol.</i> , 121(12):457-464 (1980)	

Examiner Signature

Gene Marx

Date Considered


7/25/03

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		Number	Kind Code <sup>2</sup> (if known)		
<i>m</i>		4,230,595		10/1980	Yamax et al

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		GB	1197257		07/1970		
		EP	0207039		12/1986		
		EP	0542398		05/1993		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
<i>m</i>		DATABASE WPI, Week 7648, corresponding to JPA 51-115698 (Hagiwara), October 14, 1976	
		DATABASE WPI, Week 8945, corresponding to JPA 01-243971 (Kagome), September 28, 1989	
		DATABASE WPI, Week 9213, corresponding to JPA 04-041436 (Sodex), February 12, 1992	
		DATABASE WPI, Week 9318, corresponding to JPA 05-084065 (Asahi Breweries), April 6, 1993	
		DATABASE WPI, Week 9007, corresponding to JPA 02-003495 (Okuno Pharm.), January 9, 1990	
		Patent Abstracts of Japan, Hiroyoshi, 16(213):C-0942 (1992); corresponding to JPA 40-041436 (02/12/92)	
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		Patent Abstracts of Japan, Kibum, 4(30):C-002; corresponding to JPA 55-007013 (01/18/80)	
		Kono et al, <i>J. of Bacteriology</i> , 155(2):742-746 (1983)	
		Steele et al, <i>Cer. J. Microbiol.</i> , 32:409-413 (1986)	
		Privake et al, <i>J. of Biol. Chem.</i> , 265(35):21966-21970 (1990)	

Examiner Signature	<i>Lune Marx</i>	Date Considered	<i>7/25/03</i>
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